

## Title (en)

Color diffusion transfer photographic light-sensitive material.

## Title (de)

Lichtempfindliches photographisches Farbdiffusionsübertragungsmaterial.

## Title (fr)

Matériau photosensible de photographie en couleurs par diffusion-transfert.

## Publication

**EP 0385408 A2 19900905 (EN)**

## Application

**EP 90103828 A 19900227**

## Priority

- JP 4572389 A 19890227
- JP 5157189 A 19890303
- JP 8010489 A 19890330
- JP 9787389 A 19890418

## Abstract (en)

A novel color diffusion transfer photographic light-sensitive material is disclosed, comprising at least a light-sensitive silver halide emulsion layer combined with a dye providing compound capable of releasing or producing a diffusible dye, an image-receiving layer capable of mordanting said diffusible dye and a neutralizing layer, said light-sensitive material further comprising at least one selected from the group consisting of polymers obtained by the condensation of at least one of compounds represented by the general formula (I) and at least one of compounds represented by the general formula (II) in the presence of an acid or alkaline catalyst; polymers obtained by the condensation of at least one of compounds represented by the general formula (I) and at least one of compounds represented by the general formula (III) in the presence of an acid catalyst; novolak resins obtained by the condensation of at least one of compounds represented by the general formula (I) and at least one of compounds represented by the general formula (IV) in the presence of an acid catalyst in a uniform organic solvent system while eliminating off water produced upon azeotropy; and polymers obtained by the condensation of at least one of compounds represented by the general formula (I) and at least one of compounds represented by the general formula (V) in the presence of an acid catalyst: <CHEM> <CHEM> wherein G represents a hydroxyl group or a group which undergoes hydrolysis by an alkali to produce a hydroxyl group; n represents an integer 1 or more, with the proviso that the plurality of G's may be the same or different; R<1> and R<2> may be the same or different and each represents a hydrogen atom of a substituent on benzene ring; R<1><3> and R<1><4> may be the same or different and each represents a hydrogen atom, alkyl group, aryl group, aralkyl group, heterocyclic group, acyl group, carboxyl group or formyl group; R<2><3> represents a hydrogen atom, alkyl group, aryl group, aralkyl group, heterocyclic group, acyl group, carboxyl group or formyl group; R<3><3> represents a hydrogen atom, alkyl group, aryl group, aralkyl group, acyl group, alkenyl group, heterocyclic group, carboxyl group or formyl group; R<4><3> represents a hydrogen atom, alkyl group, aryl group, aralkyl group, heterocyclic group, acyl group or carboxyl group; and R<4><4> and R<4><5> may be the same or different and each represents an alkyl group, with the proviso that R<4><4> and R<4><5> may be connected to each other to form a ring.

## IPC 1-7

**C08G 8/00**; **G03C 8/52**

## IPC 8 full level

**C08G 8/00** (2006.01); **G03C 8/52** (2006.01)

## CPC (source: EP US)

**C08G 8/00** (2013.01 - EP US); **G03C 8/52** (2013.01 - EP US)

## Cited by

CN1074426C; US5750632A; US6165675A; CN1085681C; WO9621211A1

## Designated contracting state (EPC)

DE GB

## DOCDB simple family (publication)

**EP 0385408 A2 19900905**; **EP 0385408 A3 19920318**; **EP 0385408 B1 19970205**; DE 69029870 D1 19970320; DE 69029870 T2 19970807; US 5063135 A 19911105

## DOCDB simple family (application)

**EP 90103828 A 19900227**; DE 69029870 T 19900227; US 48590790 A 19900227